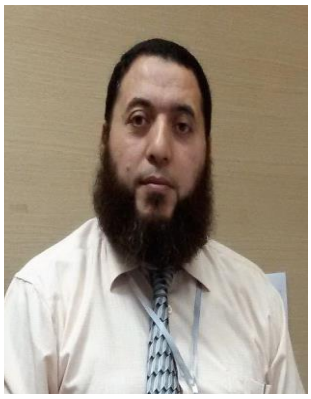
Dr. Ayman Mohamed Algohary



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Research Interests:
Organic synthesis
Chemo sensor
Language Skills
Arabic, English

Qualification (Career and University Education)

Bachelor	B. Sc. Degree (chemistry)	University of Alzagazig
Master	M.Sc. Degree (organic chemistry)	University of Alzagazig
Doctorate	PhD Degree (organic chemistry)	University of Ain Shams

Career

Assistant professor Almajmaah university college of sciences- Zulfi 2010-2017

Assistant professor Almajmaah university college of applied medical sciences 2010-2017

Assistant professor King Saud University Community Collage2009-2010

Assistant professor in National Organization of Drug Control and Research

Conferences

1. Project of " synthesis of new compounds as anticancer" with cooperation with Bibliotheca Alexandria 2009-2010
2. Nanoparticle based Amperometric Biosensor for the Quantitative Determination of Cholesterol in Human Blood
3. Nasser Al Jarallah1, Raid Al Baradie2, Mohmmed Aljamal3, Anandh Bose4, Hamed Al Anazi4, Abdulrahman Alatram5, Mohammed Al Aboody6, Ayman Algohary7, International Conference on Sensing Technology, Sep. 2-4, 2014, Liverpool, UK
4. Synthesis and biological evaluation of some new 4(3H)-Quinazolinone derivatives as non-classical antifolate,M.A.El-Hashasha, A.M.El-Metwallyb, A.M.F.Eissac and A.M.F.El-Goharyb The Fifth Saudi Technical Conference and Exhibition, TVTC 2009

Publications

1. **Patent " estimate the ratio of the concentration of cholesterol in blood using biosensor wrapped in particles of titanium dioxide nanoparticles", number 4923 , 9/10/1437H KAST**
2. Neuroprotective effects of herbal cocktail on cerebrovascular dysfunction in rats with induced hyperhomocysteinaemia.**Ayman Mohammed Algohary1,*, Omar Abdel-Hamed Ahmad-Farid2, Areeg Mohammed Abd-Elrazek2, Raid Selem Al-Baradie3Biomed Res Ther 2016, 3(12): 1045-1061http://www.bmrat.org/index.php/BMRAT/article/view/143/448**

3. **" Developing a Herbal Cocktail for prevention of Stroke and cerebrovascular diseases Journal of Biomedical and Pharmaceutical Research: Ayman Mohammed Algohary1,*, Omar Abdel-Hamed Ahmad-Farid2, Areeg Mohammed Abd-Elrazek2, Raid Selem Al-Baradie3 Vol 5, Issue 2: 2016, 29-42 http://www.jbpr.in/index.php/jbpr/article/view/514/597**
4. **-progression of traditional herbal medicine in prevention and treatment of stroke book 2015**
5. **Green and efficient synthesis of some pyrido[2,3-d] pyrimidin -4(3h)-one derivatives via iodine catalyst in aqueous media and evaluation the synthesized compounds as anticancer, Science Journal of Chemistry 2013; 1(1): 1-6 Ayman M. F. Elgohary1,2,*, E. M. Ezz El-Arab2,**
6. **synthesis of some quinazolin-4-one derivatives carrying Ibuprofenyl moiety and there anti-inflammatory activity, Dep Pharma Chemica 2011 3(3): 1-12, Ayman M. F. Elgohary, Mohamed M. Hassan, and Mohamed Abass, www.derpharmachemica.com**
7. **Synthesis and biological evaluation of pirido[2,3-d]pyrimidine as antitumor effect,**
8. **A.M.F.Eissa, A. M. Ezz El-Arab, A. M. Farag, and H.H. Moharram, Egypt, J. Chem. 49, No. 6, pp. 761-774 (2006)**
9. **Synthesis and biological evaluation of some new 2-propyl-4(3H)-quinazolinone derivatives as anti-bacteria.**
10. **A.M.F.Eissa, A.M.El-Metwally, M.A.El-Hashash, and A.M.F.El-Gohary, Journal of the Korean chemical society, 2008, vol.52, No. 3**
11. **https://doi.org/10.5012/jkcs.2008.52.3.328**

Teaching Experience

Course name	Course code	College	
General chemistry	Keer 101	Preparatory year	Majmaah University King Saud University
Organic chemistry	MDL 233	College of applied medical sciences	Majmaah University
Biochemistry	MDL 351	College of applied medical sciences	Majmaah University
Analytical chemistry	MDL 245	College of applied medical sciences	Majmaah University
Medical chemistry	MDL 361	College of applied medical sciences	Majmaah University
Applied clinical biochemistry	MDL 483	College of applied medical sciences	Majmaah University
Organic chemistry	**CHM 211**	College of sciences	Majmaah University

Training Experience

Assessment and measurement

Blueprint

Formulation of question

Practical Skills

Synthetic organic compound

UV spectrophotometer

Flamphotometer

IR spectroscopy

NMR spectroscopy

Ms spectroscopy

Plasma emission spectroscopy

GC mass